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Approved For Release 2007/01/17 : CIA-RDP83M00171R000300090003-1  
The Director of Central Intelligence

Washington, D.C. 20505

Resource Management Staff

DCI/RM 79-2388  
25 September 1979

MEMORANDUM FOR: DCI Space Policy Working Group

25X1 FROM: [REDACTED]  
Chairman

SUBJECT: Report of Space Policy Alternatives on  
Integrated Remote Sensing [REDACTED]

25X1

25X1 REFERENCE: Memo to DCI Space Policy Working Group  
fm [REDACTED], dtd 13 Sept 79, same subject,  
(DCI/RM 79-2373)

Attached provided for your information.



25X1

Attachment:  
Agenda for PRC (Space) Meeting  
and Change Sheets

NSC review(s) completed.

25X1

25X1 UNCLASSIFIED WHEN DETACHED  
FROM ATTACHMENT

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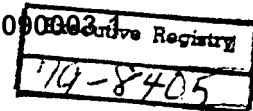
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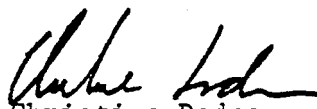
September 20, 1979

MEMORANDUM FOR: THE SECRETARY OF STATE  
THE SECRETARY OF DEFENSE  
THE SECRETARY OF INTERIOR  
THE SECRETARY OF AGRICULTURE  
THE SECRETARY OF COMMERCE  
THE SECRETARY OF ENERGY  
THE DIRECTOR, OFFICE OF MANAGEMENT AND BUDGET  
THE ASSISTANT TO THE PRESIDENT FOR DOMESTIC  
AFFAIRS AND POLICY  
THE ADMINISTRATOR, AGENCY FOR INTERNATIONAL  
DEVELOPMENT  
THE DIRECTOR, ARMS CONTROL AND DISARMAMENT AGENCY  
THE CHAIRMAN, JOINT CHIEFS OF STAFF  
THE DIRECTOR OF CENTRAL INTELLIGENCE  
THE ADMINISTRATOR, NATIONAL AERONAUTICS AND SPACE  
ADMINISTRATION  
THE DIRECTOR, OFFICE OF SCIENCE AND TECHNOLOGY  
POLICY  
THE DIRECTOR, NATIONAL SCIENCE FOUNDATION

SUBJECT: Space Policy Alternatives on Integrated Remote  
Sensing (U)

Attached is the agenda for the Policy Review Committee (Space) meeting  
scheduled for ~~September 27, 1979~~, OEOB, Rm. 305 at 10:30-12:00 noon. In  
addition attached are several change sheets to the document distributed  
on August 30, 1979. (U)

✓  
H Oct. 2.

  
Christine Dodson  
Staff Secretary

Atts: a/s

POLICY REVIEW COMMITTEE (SPACE) MEETING

SEPTEMBER 25, 1979

I. OVERVIEW. How can existing disparities among sector programs, requirements and policies be accommodated so as to best serve U.S. interests in civil remote sensing from space? Does a three part structure meet this objective? (1) Separate classified activities without civil counterpart; (2) Joint or coordinated civil-military activities where requirements can be satisfied without compromise of national policy; and (3) Integrated civil operational satellite activities under a single civil agency management overseen by an interagency board. (C)

II. LAND PROGRAM. How should the Administration implement its commitment to continuity of terrestrial remote sensing data through the 1980's and to moving toward an eventual civil earth resources system?

A. Discussion of federal management mechanism and intersector Program Board.

B. Decide on executive agent for operational program:

- |          |                                     |
|----------|-------------------------------------|
| Option 1 | New Federal Organization            |
| Option 2 | Joint Multiagency Approach          |
| Option 3 | Lead Agency--NASA, DOI, DOA, or DOC |

C. How should the U.S. increase private sector involvement?

D. Decide on the level of international participation. (U)

III. WEATHER PROGRAM. Should there be further consolidation or convergence of the military and civil polar orbiting meteorological satellite programs for the 1985-1992 period, and if so to what extent or under what policy ground rules.

A. Decide on a management alternative:

- |          |   |
|----------|---|
| Option 1 | Coordinated Dual Programs                                 |
| Option 2 | Joint Defense-Commerce Management of Consolidated Program |
| Option 3 | Converged Under Single Agency Management--DOC or DOD (U)  |

IV. OCEAN PROGRAM. How should the U.S. proceed with the development and management of space oceanography?

A. Decide on configuration of space segment:

- |          |   |
|----------|---|
| Option 1 | Dedicated Spacecraft (NOSS)             |
| Option 2 | Integration with Polar-Orbiting METSATS |

B. Decide on a management approach:

- |          |  |
|----------|--|
| Option 1 | Joint Defense-Commerce-NASA Management |
| Option 2 | Single Agency Management--DOC or DOD   |

C. Discussion of Direct Readout in the future. (U) ☐ DECL ☒ REVW ON September 20, 1985

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SPACE POLICY ALTERNATIVES ON INTEGRATED REMOTE SENSING  
FOR POLICY REVIEW COMMITTEE (SPACE) DISTRIBUTED AUGUST 30, 1979

--CHANGE SHEET--

In the process of redrafting to reduce length and redundancy, several changes were made to the Phase II Task Force reports. Some are of minor, editorial nature and do not affect the meaning of the text agreed on by the Phase II Interagency Task Force. Others appear to affect the meaning of the text. Those changes considered critical by the Task Force are as follows:

Page 1

Paragraph 1, sentence 4, line 8; add....however, the majority of the Phase II Task Force did not accept all the findings of that study. (U)

Page 2

Paragraph 1, sentence 1, line 1; replace with....The Phase II Task Force concurred with the Phase I study conclusion that a management and systems convergence between the classified space activities necessary for strategic intelligence acquisition and the unclassified civil space remote sensing programs should not be considered. (S)

Paragraph 2, sentence 1, line 3; insert....makes programmatic and economic sense only when the requirements....(C)

Paragraph 2, sentence 3, line 9; substitute would for could. (U)

Paragraph 4, after sentence 1, line 3; add....This would result in a constellation of four satellites under joint civil-military management (rather than a system of two military and two civil meteorological satellites and one joint oceanographic satellite). (U)

Page 4

Paragraph 2, after sentence 3, line 6; add....Operational use of these techniques in crisis and war require military management command and control, and data exploitation. (S/NF)

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ORIGINAL CL BY Z. Brzezinski  
☐ DECL ☒ REVW ON August 30, 1985

EXT BYND 6 YEARS BY  
REASON

Page 5

Paragraph 1, sentence 6; delete "all"; insert "an example would be the extent of U.S. support...." (C)

End of page; add....Conclusions. In summary, the majority of the Phase II Task Force concluded that U.S. interests in remote sensing from space are best served by a three-part structure:

- Separate classified activities without civil counterpart;
- Joint or coordinated civil-military activities where requirements can be satisfied without compromise of national policy (e.g., ocean and some weather observations); and
- Integrated civil operational satellite activities under single civil agency management overseen by an interagency Board. (C)

Delete footnote text; replace with....The Interior Task Force Representative dissenting view. Issue: Should terrestrial observation space programs be integrated with meteorological and oceanographic programs in a single Cabinet-level Federal agency? Interior View: The Phase I report clearly indicated that convergence of Landsat space programs with Metsat and Oceansat was not recommended. The Phase II report implies in several places that a single agency should manage all civil operational satellite activities--meteorological, oceanographic, and terrestrial. The Department of Interior believes civil meteorological and oceanographic satellite activities would be appropriately managed by a combination of DOC and DOD. Terrestrial observation satellite activities could be managed by an agency having major cognizance of land management programs. Interior qualifies for that responsibility. (U)

Page 8

Paragraph 1, at end of fourth tick; add....This special management and implementation approach is the first attempt to capitalize on a common set of space data acquisition requirements and achieve a significant level of technical and managerial integration. (U)

Page 12

At end of Option 2; add.... Technical integration forces management and systems integration. (U)

Option 2, Advantages; delete third tick.

Management Options paragraph, sentence 2, line 6; insert....then the management options are as proposed in the FY 1980 budget submissions, or as follows:

Page 13

Option 1 Advantages, fifth tick; delete and replace with....Serves as a useful test of interagency remote sensing program management, which if successful, may lead to similar arrangements in other programs, as encouraged in PD/NSC-42. (U)

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Page 16

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Paragraph 3, sentence 2, line 5; delete and replace with....The high technical risks of the resultant large and complex flight systems, the necessary orbital and user data service compromises affecting all regimes, and the large cost uncertainties led to the conclusion that this level of technical integration should not be pursued, especially for operational services, until more experience was in hand. (U)

Paragraph 4, last sentence, line 12; insert....This review and the Phase I report underline the potential....(S)

Page 18

First full paragraph, at end of sentence 1, line 2; add....which has developed slowly since the inception of civil terrestrial remote sensing activities. There are growing expectations and demands for space system performance characteristic of an operational mode. (U)

First full paragraph, after sentence 2, line 5; add....This indicates that data from such instruments, even when of uncertain continuity, has clear utility. (U)

Second full paragraph, after sentence 1, line 2; add....or even until an operational program could reasonably be expected to begin service in the late 1980's. (U)

Page 19

Paragraph 1, end of sentence 1, line 3; add....on the system. (U)

Paragraph 1, sentence 3, line 7; delete support and substitute subsidy.

Paragraph 2; delete and replace with....Growth Potential. Although an operational earth observations program may start with a system derived from the Landsat experience, additional technologies, both space and ground, can be brought on line incrementally as the utility and importance of other sensors are demonstrated in research and development projects. (U)

Page 21

User Interests paragraph, end of sentence 2, line 5; add....who use remote sensing data to different degrees as inputs to their informational, management, or regulatory functions and responsibilities.

International Considerations paragraph, after sentence 1, line 4; add....both through establishment of foreign direct readout ground stations and through foreign analyses of U.S.-acquired data.

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SUBJECT: Agenda for PR (Space)  
Meeting

LOG NO.: 7208

DATE OF ITEM: 9/20 DATE RECEIVED: 9/24

D/PAO COMMENTS:

25X1

DISPOSITION:

FILE: 1RSSS

ACTION: \_\_\_\_\_

COORDINATE WITH: \_\_\_\_\_

SUSPENSE DATE: \_\_\_\_\_

EA/PAO COMMENTS:

DESTROY